



**Wrangell-St. Elias National Park and Preserve**  
**[www.nps.gov/wrst](http://www.nps.gov/wrst)**

## **Stewardship and Environmental Leadership**

*The following centennial proposal is certified as eligible for Centennial Challenge funding consideration in fiscal year 2008. Funding for the Centennial Challenge requires legislation.*

### **Replace Kennecott National Historic Landmark's Diesel Power Generation with a Battery/Propane Hybrid System**

Location: Kennecott NHL, Alaska (Wrangell-St. Elias NP&P)

Partner: Propane Education and Research Council (PERC)

Partner Website: [www.propanecouncil.org](http://www.propanecouncil.org)

Total Cost: \$250,000

Proposal #: 137448

**Summary:** This project will provide clean, energy efficient propane power generation for Kennecott NHL. The project includes installing a 25kw and a 10kw generator, replacing and upgrading the capacity of the electrical transmission lines, and modifying an existing facility as a sub-station for housing an inverter, batteries and automated switchgear. It also includes installation of buried bulk storage propane tanks and associated piping.

It is anticipated this system will show benefits in many ways such as: the elimination of diesel spill possibilities; reduced generator run times as the generator will be used to charge batteries; demonstrate the value of "quiet" through reduced run times and a quieter system; demonstrate to the public a reliable hybrid power generation system; and documentable lower operational and maintenance costs.

**For more information contact:**

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**Kennecott Mines**  
**National Historic Landmark**